

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

**FORM W - CONCENTRATED ANIMAL FEEDING OPERATION
(CAFO) OPERATING PERMIT APPLICATION**

RECEIVED

AUG 27 2019

FOR OFFICE USE ONLY

JETPAY CONFIRMATION / CHECK NUMBER:

DATE RECEIVED

2479
FEE SUBMITTED

8-27-19

\$150.00

Complete all applicable sections. Instructions for completing the form are located at the end of the form. Sign, date and return the form and all requested documents along with a check for the appropriate permit fee to the Missouri Department of Natural Resources. Make a copy of this completed form and keep it with your nutrient management plan.

PART 1 - PERMIT OWNERSHIP AND CONTACT INFORMATION

1.1 OPERATION NAME Heins Family Farms, LLC	CURRENT PERMIT NUMBER MO-	COUNTY Lafayette
PHYSICAL ADDRESS 9788 Hwy T	LEGAL DESCRIPTION Sec.: 18 Twn.: 49N Rng.: 25W	TELEPHONE NUMBER WITH AREA CODE (660)584-7862
CITY Higginsville	STATE MO	ZIP CODE 64037
1.2 OWNER (PROVIDE LEGAL NAME)	EMAIL ADDRESS pcheins@msn.com	
MAILING ADDRESS 9788 Hwy T	TELEPHONE NUMBER WITH AREA CODE (660)584-7862	
CITY Higginsville	STATE MO	ZIP CODE 64037
1.3 CONTINUING AUTHORITY (IF DIFFERENT THAN THE OWNER)		
MAILING ADDRESS		TELEPHONE NUMBER WITH AREA CODE
CITY	STATE	ZIP CODE

PART 2 - PERMIT TYPE AND PERMIT ACTION

2.1 PERMIT TYPE

- ☐ NPDES Site Specific Permit
Request review of draft permit prior to public notice. ☐ Yes ☐ No
- ☐ NPDES General Permit (MOG01)
- ☒ State No-Discharge General Permit (MOGS1)

2.2 PERMIT ACTION*

☒ New Permit

Permit fees may be payed online by credit card or eCheck through a system called JetPay. Use the URL provided to make an online payment.

NPDES Site Specific Permit - <https://magic.collectorsolutions.com/magic-ui/payments/mo-natural-resources/591/>

NPDES General Permit (MOG01) - <https://magic.collectorsolutions.com/magic-ui/payments/mo-natural-resources/599/>

State No-Discharge General Permit (MOGS1) - <https://magic.collectorsolutions.com/magic-ui/payments/mo-natural-resources/742/>

☐ Renewal

☐ Modification

Permit fees may be payed online by credit card or eCheck through a system called JetPay. Use the URL provided to access JetPay and make an online payment. Modification fee: <https://magic.collectorsolutions.com/magic-ui/payments/mo-natural-resources/596/>

☐ Ownership Transfer

PREVIOUS OWNERS NAME

ADRESS

CITY STATE ZIP CODE

SIGNATURE

DATE

*See Instructions for additional requirements and documents for the request permit action.

Permit fees may be payed online by credit card or eCheck through a system called JetPay. Use the URL provided to access JetPay and make an online payment. Modification fee: <https://magic.collectorsolutions.com/magic-ui/payments/mo-natural-resources/596/>

MOGS10599

PART 3 – DESIGN CAPACITY FOR MANURE STORAGE AND ANIMALS OF EACH CAFO FEATURE

3.1 STORAGE STRUCTURE TYPES, AMOUNT OF STORAGE, AND AMOUNT OF MANURE GENERATED PER YEAR.

Permitted Feature	List All Manure Storage Structures at each CAFO Feature Storage Structure Type(s)	Dry Manure Handling System		Wet Manure Handling System			
		Design Dry Process Waste (tons/yr.)	Days of Storage	Total Storage Capacity (gal)	Design Wastewater per Year (gal./yr.)	Days of Storage	Design Flow MGD
001	D			10,529,734	7,489,190	513	.021
002	I	27,478	229				
003	J		129				
004	G						
005							

3.2 LIST EACH TYPE OF ANIMAL IN CONFINEMENT AND THE NUMBER OF EACH ANIMAL TYPE.

Permitted Feature	Animal Category #1	Animal Numbers	Animal Category #2	Animal Numbers	Animal Category #3	Animal Numbers
001	3	1950	1	70		
002	3					
003	1	140				
004						
005						

PART 4 – OPERATIONAL INFORMATION

4.1 OPERATIONAL INFORMATION (SEE INSTRUCTIONS)

SIC Code(s) 0241

CAFO Class Size^{1C}

4.2 Is this an export-only operation?

☐ Yes☒ No

Completing PARTS 5 - 11 will meet the requirements of a Nutrient Management Plan (NMP) for an export only operation.

PART 5 – MANURE STORAGE5.1 Do all manure storage structures have adequate storage, and operated and maintained as no discharge? ☒ Yes ☐ No**PART 6 – ANIMAL MORTALITY**

6.1 PERMANENT METHOD OF DISPOSING OF ROUTINE ANIMAL MORTALITIES.

☒ Composting ☐ Rendering ☐ Send to a Landfill ☐ Incineration ☐ Other (Describe)

6.2 DESCRIBE METHOD OF MORTALITY HANDLING AND STORAGE THROUGH ALL PHASES TO FINAL DISPOSAL. (EXAMPLE: MORTALITIES ARE COMPOSTED WITHIN 24 HOURS OF DEATH AND FINISHED COMPOST PRODUCT IS STORED UNDER ROOF UNTIL LAND APPLIED). ALSO DESCRIBE THE TYPE OF COMPOST STRUCTURE USED, IF APPLICABLE.

Mortalities are composted within 24 hours of death and finished compost is stored on concrete until land applied.

PART 7 – DIVERSION OF CLEAN WATER7.1 Is clean stormwater diverted from the production area? ☐ Yes ☒ No

7.2 IF YES, DESCRIBE CONTROLS AND MEASURES USED TO DIVERT STORMWATER.

7.3 IF NO, DESCRIBE HOW CONTAMINATED STORMWATER IS CONTAINED AND INCLUDE THE STORAGE CAPACITY OF THE CONTAINMENT IF NOT PREVIOUSLY PROVIDED.
All stormwater that falls in the production area is diverted to the storage lagoon.**PART 8 – PREVENT DIRECT CONTACT OF ANIMALS WITH SURFACE WATERS**8.1 Do the animals have access to waters of the state within the production area? ☐ Yes ☒ No

8.2 LIST MEASURES USED TO PREVENT CONFINED ANIMAL FROM HAVING DIRECT CONTACT WITH WATERS OF THE STATE.

Animal are housed inside of barns.

PART 9 – CHEMICAL HANDLING

9.1 Are chemicals and other contaminants handled, managed, stored, and disposed of in accordance with 10 CSR 20-6.300(5)(E)?

☒ Yes ☐ No**PART 10 – MANURE ANALYSIS TESTING**

10.1 LIST EACH TYPE OF MANURE SOURCE TO BE TESTED ANNUALLY (i. e. MANURE, LITTER, COMPOST, WASTE WATER.)

Lagoon wastewater, manure solids from settling basin and mortality compost.

10.2 DESCRIBE PROCEDURES FOR ENSURING EACH MANURE SOURCE IS TESTED ANNUALLY.

A composite sample is collected from each storage locations annually and taken to a laboratory for testing.

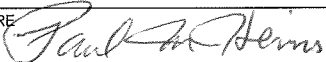
PART 11 – RECORD KEEPING

11.1 Are records of all inspections, manure transfers, discharges and land application maintained?

☒ Yes ☐ No


PART 12 - CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME Paul Heins	TITLE Member/Manager
SIGNATURE 	DATE 8-23-19

PART 13 - ENGINEER CERTIFICATION

As of August 28, 2013, construction permits are only required for the construction of an earthen storage structure to hold, convey, contain, store, or treat domestic, agricultural, or industrial process wastewater. Construction of all other point source systems designed to hold, convey, contain, store, or treat domestic, agricultural, or industrial process waste must be designed by a professional engineer registered in Missouri in accordance with design regulations.

Operation Name Heins Family Farms, LLC Address 9788 Hwy T City Higginsville, MO 64037	Engineer Firm Allied Engineering Services, LLC Address P.O. Box 29 City State Zip Code Bowling Green, MO 63334
<p>I, Project Engineer, certify that above described systems have been designed in accordance with Missouri CAFO design regulations in 10 CSR 20-8.300</p>  PROJECT ENGINEER SIGNATURE MO 780-2112 (03-18)	ENGINEER SEAL 